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DECIDUOUS-FRUIT INSECTS

A. L. Quaintance, in Charge

Under funds appropriated in the First Deficiency Bill, large-scale experiments looking to the control of the oriental fruit moth with the aid of bait traps will be carried out in two orchards of over 500 acres each, one at Vincennes, Ind., and the other at Cornelia, Ga. Wm. P. Yetter, jr., will have charge of the work at both places.

Contributions from the Japanese-Beetle Laboratory

On March 11 J. S. Houser, Chief Entomologist of the Ohio Agricultural Experiment Station, at Wooster, spent the day at the laboratory visiting a number of the divisions and conferring with the staff.

Prof. D. M. DeLong, of Ohio State University, and Dr. N. F. Howard, of the Division of Truck-Crop Insects, spent the afternoon of March 11 inspecting the laboratory equipment and conferring with the local entomologists.

W. P. Yetter, Jr., of the Division of Deciduous-Fruit Insects, visited the laboratory on March 11 to confer with L. B. Smith, in charge of work on the Oriental fruit moth in this district.

E. R. Van Leeuwen, in charge of general insecticide investigations, returned to the laboratory on March 16 from a furlough of three and one-half months. During his absence from the laboratory Mr. Van Leeuwen was in charge of the Department of Entomology at the Davey Institute of Tree Surgery, Kent, Ohio. A course in shade-tree insects was given to the freshman, junior, and senior classes of the Institute by Mr. Van Leeuwen and his assistant, E. A. Sanford, of the Davey Tree Expert Company.

On March 18 J. K. Holloway and J. W. Balock, who are engaged in parasite work at the laboratory, visited the Corn Borer Laboratory at Arlington and the Gipsy Moth Laboratory at Melrose Highlands, both in Massachusetts. The trip was most profitable, as many methods used in those laboratories may be adopted here.

On March 20 Prof. C. C. Hamilton, of Rutgers University, and Robert C. Burdette, Associate Entomologist of the New Jersey Agricultural Experiment Station, visited the laboratory to confer with the local staff.

TRUCK-CROP INSECTS

J. E. Graf, in Charge

J. E. Graf left Washington March 12 for an inspection of the truck-crop field laboratories of the West and Northwest, and in the course of his journey visited laboratories at Columbus, Ohio, Twin Falls, Idaho, Walla Walla, Toppenish, and Puyallup, Wash., Alhambra and San Jose, Calif., and Tempe, Ariz.

B. J. Landis, of the field laboratory at San Jacinto, D. F., Mexico, went from there to Columbus, Ohio, February 21, for conference regarding the future work on parasites of the Mexican bean beetle.

Dr. N. F. Howard, Columbus, Ohio, J. E. Dudley, jr., Madison, Wis., J. R. Douglass, Estancia, N. M., and R. Cecil, Geneva, N. Y., the two last named being temporarily on duty at Columbus, Ohio, attended the meetings of the North Central States Entomologists at Lafayette, Ind., March 6 and 7.

K. L. Cockerham, in charge of the field laboratory at Biloxi, Miss., spent March 13 to 15 at the Mississippi Agricultural and Mechanical College, where he studied the college collection of Elateridae and reviewed the literature on this group in the college library.

J. E. Dudley, jr., attended the fourth canners' school, held at the University of Wisconsin for the Wisconsin State Canners' Association, March 19 to 21, where he discussed the present status of the pea aphid.

K. L. Cockerham and O. T. Deen, Biloxi, Miss., spent the interval from March 18 to March 25 in northwestern Florida, scouting for the wireworm Heteroderes laurentii, in the course of which they visited Escambia, Santa Rosa, Okaloosa, Walton, Holmes, Jackson, and Bay Counties.

Dr. Walter Carter, who has been in charge of the investigation of the sugar-beet leafhopper, with headquarters at Twin Falls, Idaho, since its inauguration in 1925, resigned March 21, to accept a position as entomologist with the Pineapple Growers' Experiment Station, University of Hawaii, Honolulu.

J. R. Douglass, in charge of the field laboratory at Estancia, N. M., visited Washington March 25 to 31, for conference and preparation of a manuscript on the hibernation of the Mexican bean beetle in the Southwest.

On March 29 K. L. Cockerham visited Henry Deitrich, Inspector for the State Plant Board, at Lucedale, Miss., where he examined the latter's collection of Elateridae. Mr. Deitrich has collected one specimen of Heteroderes laurentii from George County, Miss., the first found in that county.

T. E. Bronson, formerly Agent at the Madison, Wis., field laboratory, has received a probational appointment as Junior Entomologist.

Field assistants who have recently been appointed are W. I. Duplessis and G. H. York, for service at Alhambra, Calif., R. D. Church, at Walla Walla, Wash., R. J. Severance, at Toppenish, Wash., and H. L. Dees, at Grand Bay, Ala.

INSECTS AFFECTING MAN AND ANIMALS

F. C. Bishopp, in Charge

On March 11 W. G. Bruce, of the field laboratory at Fargo, N. D., arrived in Washington by auto from Florida. After conferring with bureau officials he left on March 15 to resume his duties at Fargo, driving overland by auto.

T. E. McNeel, of the field laboratory at Mound, La., has returned to Zellwood, Fla., to continue the study of mosquitoes of the genus Mansonia, which he began last year.

On March 25 J. L. Webb, of Washington, D. C., made an examination of cattle in the dairy herd of the Elks' National Home at Bedford, Va., and other herds in the vicinity, to determine the degree of infestation by cattle grubs there.

D. C. Parman, of the field laboratory at Uvalde, Tex., spent most of the month of March at Coachella, Calif., in investigations of the eye gnat at that place.

H. E. Parish, formerly on the staff of the Mississippi State Plant Board, has been appointed Assistant Entomologist and assigned to the field laboratory at Menard, Tex. He reported there for duty March 27, and will relieve E. C. Cushing, who will soon go to Alaska to continue the investigations of reindeer insects begun by W. E. Dove in 1929.

Merwin Monagin has been appointed Field Assistant, dating from March 8, and assigned to the field laboratory at Uvalde, Tex.

INSECT PEST SURVEY

J. A. Hyslop, in Charge

J. A. Hyslop attended the annual meeting of the North Central States Entomologists held at La Fayette, Ind., March 5 to 8. At this meeting approximately 80 entomologists from the States west of the Alleghenies, east of the Rockies, and north of the Cotton Belt, were in attendance. Plans for more extensive cooperation with the Insect Pest Survey were formulated with several States.

FOREST INSECTS

F. C. Craighead, in Charge

At the request of the War Department, Dr. T. E. Snyder left Washington on March 29 to inspect, with a representative of the Forest Products Laboratory, military supplies of wood at arsenals in Rock Island, Ill., New Cumberland, Pa., and Springfield, Mass. These inspections are made periodically, to prevent serious accumulative damage by powder-post beetles.

Contributions from the Gipsy-Moth Laboratory

R. C. Brown, of the Gipsy-Moth Laboratory, sailed from New York City on March 12 to return to his temporary headquarters in Budapest, Hungary. Before reaching Budapest he will visit Sweden in search of information regarding parasites of a sawfly, Phyllotoma nemorata Fall., which has recently attracted considerable attention as a leaf-miner of birch in Maine, New Hampshire, Nova Scotia, and New Brunswick.

R. T. Webber went to Washington on March 17, expecting to spend about two weeks there. He will study certain tachinid material at the National Museum.

T. H. Jones went to Washington March 25, to confer with Dr. F. C. Craighead on some problems relating to the experimental work conducted at the Gipsy-Moth Laboratory.

BEE CULTURE

Jas. I. Hambleton, in Charge

On the afternoon of March 26 several members of the staff of the Bee Culture Laboratory attended a very interesting lecture by Dr. Karl von Frisch, of the University of Munich, on the behavior of the honeybee. Doctor von Frisch's lecture, given in the auditorium of the Engineering Building at Johns Hopkins University, was well illustrated with excellent lantern slides and marvelous motion-picture films, showing the behavior of the honeybee in its reactions to colors, odors, and taste. Even the evidence of "language" in the honeybee was clearly shown by the use of films.

Dr. A. ~. Sturtevant and J. E. Eckert, of the Intermountain Bee Culture Field Station, Laramie, Wyo., have reported that the annual meeting of the Colorado Honey Producers' Association, held in Denver on March 4 and 5, which they attended, was one of the best meetings ever held by the association. Both Dr. Sturtevant and Mr. Eckert appeared on the program and discussed various phases of the experimental work now under way at the Laramie Station.

Kennith Hawkins was a recent visitor at the Bee Culture Laboratory, with which he was formerly connected.

E. R. Root, associate editor of Gleanings in Bee Culture, consulted with members of the Bee Culture Laboratory on a recent visit to Washington.

D. E. Kohn, of Grover Hill, Ohio, a prominent beekeeper in his home State, visited the Bee Culture Laboratory on March 20 while on his way home from Florida, where he also has extensive beekeeping interests.

On March 20 Jas. I. Hambleton visited the vicinity of Westminster and New Windsor, Md., on an inspection trip for the location of an experimental apiary.

COTTON INSECTS

B. R. Coad, in Charge

H. C. Young, M. T. Young, Andrew Chapman, and G. L. Smith, who have completed field work on the Thurberia weevil in Arizona, have been transferred to Presidio, Tex., for work on the pink bollworm.

Rex McGarr, who has been in Arizona for four months, working on the Thurberia weevil, has been transferred to Brownsville, Tex., where he will work on the cotton flea hopper.

The appointment of D. L. Moody, Field Assistant, ended March 1.

Syrus Conn, Junior Entomologist, resigned March 11.

C. A. Bennett, Mechanical Engineer, of the Bureau of Public Roads, who has been cooperating with the field laboratory at Tallulah, La., in cotton-drying investigations, was in Dallas, Tex., during the first week in March to confer with one of the large gin companies and to make preliminary tests of all-steel cotton driers built upon the lines indicated by the field laboratory. He also visited Jackson, Miss., to confer with a representative of an eastern firm making cotton gins, with whom he made tentative plans for the erection by this company of driers of the type devised. The processes and methods patented as the result of the investigations carried on at the field laboratory are beginning to create much interest and to receive wide recognition.

TROPICAL, SUBTROPICAL AND ORNAMENTAL PLANT INSECTS

A. C. Baker, in Charge

On March 15 Dr. A. C. Baker returned to Washington from Orlando, Fla., to confer with Dr. Marlatt and Mr. Strong in regard to the research work on the Mediterranean fruit fly, which he has been directing.

Dr. C. I. Bliss was transferred on March 5 to the new regional laboratory of this division located at Whittier, Calif., where he will have charge of the technical phases of the investigations carried on there, especially those having to do with the resistance to hydrocyanic-acid gas of scale insects affecting citrus.

In response to requests for talks on control of thrips, E. A. McGregor, in charge of the field laboratory at Lindsay, Calif., has addressed gatherings in six localities in California--at Elderwood, January 22, Orange Cove, February 14, Lindsay, February 18, Porterville, February 21, Ivanhoe, March 7, and Strathmore, March 25. On March 14, at the request of the Southern California Entomological Club, Mr. McGregor read a paper at Los Angeles, discussing the somewhat innovational finding that under conditions prevailing in California scale insects may be controlled by applications of finely divided sulphur.

CEREAL AND FORAGE INSECTS

W. H. Larrimer, in Charge

The meetings of the North Central States Entomologists at Lafayette, Ind., March 5 to 7, were attended by D. J. Caffrey, L. H. Patch, A. F. Satterthwait, L. G. Jones, C. A. Crooks, L. L. Pierce, C. N. Ainslie, M. Schlosberg, C. M. Packard, W. B. Noble, H. R. Painter and G. G. Ainslie, all of the field personnel of this division.

In March Emory D. Burgess was appointed Junior Entomologist, for duty at Arlington, Mass., and Antonio A. Celaya, Junior Laborer, for duty at Tempe, Ariz.

The Washington office was visited on March 12 by Dr. D. M. DeLong, of Ohio State University, Columbus, and by L. H. Worthley, of Boston, Mass., and H. N. Bartley, of Silver Creek, N. Y., both of the Plant Quarantine and Control Administration.

The field laboratory formerly located at 337 Franklin Street, Carlisle, Pa., has been moved to 624 West Louther Street, in the same city.

Dr. Carl J. Drake, of the Iowa State College, at Ames, was in Washington on March 13 and 14 and called at the Bureau of Entomology.

TAXONOMY

Harold Morrison, in Charge

Prof. C. J. Drake, of the department of zoology and entomology, Iowa State College, at Ames, spent parts of March 8, 12 and 13 in the taxonomic unit, working on Hemiptera and discussing various problems with some of the taxonomic workers.

Stansbury Haydon, of the Natural History Society, Baltimore, Md., called at the taxonomic unit March 8 to examine certain forms of North American Papilio and to obtain determinations of some beetles.

R. T. Webber, of the Bureau's Gipsy Moth Laboratory, at Melrose Highlands, Mass., has since March 17 been studying muscoid flies in the Division of Insects and consulting with Dr. J. M. Aldrich.

Prof. R. M. Geist, of the department of zoology, Capital University, Columbus, Ohio, spent March 17 to 19 studying the collection of Mallophaga and consulting with Dr. H. E. Ewing about the host relationships and distribution of mites.

J. R. Douglass, of the Bureau's Mexican bean beetle field laboratory at Estancia, N. M., was a recent caller in the section of Coleoptera.

Dr. Theodore B. Hayne, of the staff of the Rockefeller Foundation, stationed at Lagos, Nigeria, West Africa, called at the taxonomic unit March 21 to consult with the Bureau's specialist, C. T. Greene, regarding African mosquitoes.

Prof. G. C. Crampton, of the department of entomology, Massachusetts Agricultural College, at Amherst, spent March 24 and 25 in the National Museum examining certain flies in connection with morphological investigations on the thorax of Diptera.

T. H. Jones, of the Bureau's Gipsy Moth Laboratory, at Melrose Highlands, Mass., visited the section of Diptera March 27 and consulted the specialists.

Andrew G. Weeks, of Boston, Mass., a well-known student of Lepidoptera, came to Washington March 28 to consult Dr. William Schaus and to examine material in the National collections of Lepidoptera.

H. F. Dietz, at present located at the Ohio Agricultural Experiment Station, Wooster, called at the taxonomic unit on the afternoon of March 11.

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Mabel Colcord, Librarian

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